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NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	DEC 01	ChemPort single article sales feature unavailable
NEWS 3	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS 4	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 5	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS 6	FEB 10	COMPENDEX reloaded and enhanced
NEWS 7	FEB 11	WTEXTILES reloaded and enhanced
NEWS 8	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS 9	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS 10	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 11	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 12	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS 13	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 14	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS 15	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS 16	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS 17	MAR 11	ESBIOBASE reloaded and enhanced
NEWS 18	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS 19	MAR 23	CA/CAplus enhanced with more than 250,000 patent equivalents from China
NEWS 20	MAR 30	IMSPATENTS reloaded and enhanced
NEWS 21	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS 22	APR 07	STN is raising the limits on saved answers
NEWS 23	APR 24	CA/CAplus now has more comprehensive patent assignee information
NEWS 24	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS 25	APR 28	CAS patent authority coverage expanded
NEWS 26	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 27	APR 28	Limits doubled for structure searching in CAS REGISTRY
NEWS 28	MAY 08	STN Express, Version 8.4, now available
NEWS 29	MAY 11	STN on the Web enhanced
NEWS 30	MAY 11	BEILSTEIN substance information now available on STN Easy

NEWS EXPRESS MAY 08 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 11:18:52 ON 13 MAY 2009

=> file reg
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                      0.22       0.22

FILE 'REGISTRY' ENTERED AT 11:19:17 ON 13 MAY 2009
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STRUCTURE FILE UPDATES:   12 MAY 2009  HIGHEST RN 1145835-49-9
DICTIONARY FILE UPDATES:  12 MAY 2009  HIGHEST RN 1145835-49-9

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=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09.str

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l1
SAMPLE SEARCH INITIATED 11:19:44 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   787908 TO ITERATE
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  0.3% PROCESSED     2000 ITERATIONS                                0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **INCOMPLETE**
PROJECTED ITERATIONS:     15708928 TO 15807392
PROJECTED ANSWERS:              0 TO        0

L2            0 SEA SSS SAM L1

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-e.str

L3      STRUCTURE UPLOADED

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-f.str

L4      STRUCTURE UPLOADED

=> d l4
L4 HAS NO ANSWERS
L4              STR
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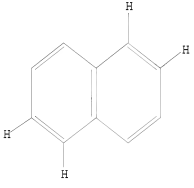


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Structure attributes must be viewed using STN Express query preparation.


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SAMPLE SCREEN SEARCH COMPLETED -    86409 TO ITERATE

  2.3% PROCESSED     2000 ITERATIONS                               50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:      1710684 TO  1745676
PROJECTED ANSWERS:          731592 TO   754642

L5           50 SEA SSS SAM L4

=> s l4 full
FULL SEARCH INITIATED 11:29:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  1726501 TO ITERATE
```

```
 98.2% PROCESSED  1694725 ITERATIONS                          732972 ANSWERS

100.0% PROCESSED  1726501 ITERATIONS                          739686 ANSWERS
SEARCH TIME: 00.00.19

L6       739686 SEA SSS FUL L4

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-a.str

L7      STRUCTURE UPLOADED

=> s l7 sam sss sub=l6
SAMPLE SUBSET SEARCH INITIATED 11:35:07 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -     5036 TO ITERATE

 39.7% PROCESSED     2000 ITERATIONS                             0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):          ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):       96465 TO   104975
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):              0 TO        0

L8            0 SEA SUB=L6 SSS SAM L7

=> s l7 full sss sub=l6
FULL SUBSET SEARCH INITIATED 11:35:28 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -   100325 TO ITERATE

100.0% PROCESSED   100325 ITERATIONS                          11 ANSWERS
SEARCH TIME: 00.00.02

L9           11 SEA SUB=L6 SSS FUL L7

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-b.str

L10     STRUCTURE UPLOADED

=> s l10 full sss sub=l6
FULL SUBSET SEARCH INITIATED 11:36:37 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -   100325 TO ITERATE

100.0% PROCESSED   100325 ITERATIONS                          17 ANSWERS
SEARCH TIME: 00.00.02

L11          17 SEA SUB=L6 SSS FUL L10

=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-c.str

L12     STRUCTURE UPLOADED

=> s l12 full sss sub=l6
FULL SUBSET SEARCH INITIATED 11:37:36 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -   100325 TO ITERATE

100.0% PROCESSED   100325 ITERATIONS                          37 ANSWERS
SEARCH TIME: 00.00.01

L13          37 SEA SUB=L6 SSS FUL L12
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=>
Uploading C:\Program Files\Stnexp\Queries\10510242-5-13-09-d.str

L14     STRUCTURE UPLOADED

=> s l14 full sss sub=16
FULL SUBSET SEARCH INITIATED 11:38:29 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -   100325 TO ITERATE

100.0% PROCESSED   100325 ITERATIONS                                10 ANSWERS
SEARCH TIME: 00.00.01

L15          10 SEA SUB=L6 SSS FUL L14

=> file zcaplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   376.76     376.98

FILE 'ZCAPLUS' ENTERED AT 11:38:45 ON 13 MAY 2009
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FILE COVERS 1907 - 13 May 2009  VOL 150 ISS 20
FILE LAST UPDATED: 12 May 2009  (20090512/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Feb 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Feb 2009

ZCAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l9 or l11 or l13 or l15
             2 L9
            11 L11
            26 L13
             2 L15
L16         39 L9 OR L11 OR L13 OR L15

=> s l16 not py > 2005
       5004595 PY > 2005
L17         20 L16 NOT PY > 2005

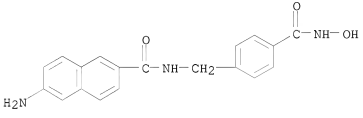
=> d l17 ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 20 ANSWERS - CONTINUE? Y/(N):y
```

L17 ANSWER 1 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:581156 ZCAPLUS
DOCUMENT NUMBER: 143:298465
TITLE: Inhibitory effects of cancer cell proliferation by novel histone deacetylase inhibitors involve p21/WAF1 induction and G2/M arrest
AUTHOR(S): Maeda, Taishi; Nagaoka, Yasuo; Kawai, Yuki; Takagaki, Nobumasa; Yasuda, Chikako; Yogosawa, Shingo; Sowa, Yoshihiro; Sakai, Toshiyuki; Uesato, Shinichi
CORPORATE SOURCE: Department of Biotechnology, Faculty of Engineering, Kansai University, Osaka, 564-8680, Japan
SOURCE: Biological & Pharmaceutical Bulletin (2005), 28(5), 849-853
CODEN: BPBLEO; ISSN: 0918-6158
PUBLISHER: Pharmaceutical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 143:298465

AB Two compds. were synthesized which have a structural component other than those of our new series histone deacetylase (HDAC) inhibitors to determine the structure-activity relation. It was also examined whether the inhibitory effects on cancer cell proliferation by HDAC inhibitors involve p21/WAF1 induction and G1 or G2/M arrest in p53-mutated MG63 human osteosarcoma cells as do other HDAC inhibitors. It was demonstrated that inhibitors with the 2-naphthylcarbonyl group and hydroxamic acid at both terminal sides as well as the phenylene component at the center of mol. markedly induce the p21/WAF1 protein by stimulating p21/WAF1 gene promoter activity. Furthermore, cell cycle anal. revealed that these compds. arrest MG63 cells in the G2/M phase.

IT 591217-26-4
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(preparation and inhibitory effects of cancer cell proliferation by novel histone deacetylase inhibitors involving p21/WAF1 induction and G2/M arrest)

RN 591217-26-4 ZCAPLUS
CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 2 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:580809 ZCAPLUS
DOCUMENT NUMBER: 141:199479
TITLE: Potent histone deacetylase inhibitors:

N-hydroxybenzamides with antitumor activities

AUTHOR(S): Maeda, Taishi; Nagaoka, Yasuo; Kuwajima, Hiroshi; Seno, Chieko; Maruyama, Sakiko; Kurotaki, Mineko; Uesato, Shinichi

CORPORATE SOURCE: Department of Biotechnology, Faculty of Engineering, Kansai University, Suita, Osaka, 564-8680, Japan

SOURCE: Bioorganic & Medicinal Chemistry (2004), 12(16), 4351-4360
CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

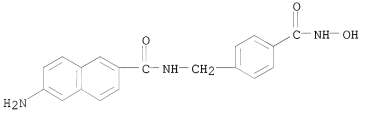
OTHER SOURCE(S): CASREACT 141:199479

AB The screening tests of N-hydroxybenzamides for their HDAC-inhibitory activities led to the discovery of the promising compds. with a 2-naphthylcarbonyl group and with a 1,4-biphenylcarbonyl group. These compds. were further modified to optimize their physico-chemical profile. As a result, the inhibitor with a 6-amino-2-naphthylcarbonyl was obtained, which showed not only promising growth inhibitions against a panel of tumor cells, but also an improved water solubility It exhibited the maximal 185% of survival rate (%T/C) in a in vivo experiment with P388 cell-inoculated mice.

IT 591217-26-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(potent histone deacetylase inhibitors: N-hydroxybenzamides with antitumor activities)

RN 591217-26-4 ZCAPLUS

CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 3 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:785279 ZCAPLUS
Correction of: 1986:177615

DOCUMENT NUMBER: 139:283282
Correction of: 104:177615

TITLE: Naphtol-type cyan couplers and photographic materials containing these couplers

INVENTOR(S): Saito, Naoki; Aoki, Kozo; Yokota, Yukio

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 106 pp.
CODEN: EPXXDW

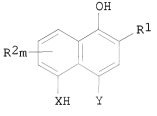
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 161626	A2	19851121	EP 1985-105599	19850507
EP 161626	A3	19870603		
EP 161626	B1	19901205		
R: DE, FR, GB, NL				
JP 60237448	A	19851126	JP 1984-93605	19840510
JP 05021223	B	19930323		
JP 61153640	A	19860712	JP 1984-264277	19841214
JP 05014891	B	19930226		
JP 61145557	A	19860703	JP 1984-268135	19841219
JP 05019697	B	19930317		
US 4690889	A	19870901	US 1985-732771	19850510

PRIORITY APPLN. INFO.: JP 1984-93605 A 19840510
JP 1984-264277 A 19841214
JP 1984-268135 A 19841219

OTHER SOURCE(S): MARPAT 139:283282
GI



I

AB Naphthol-type photog. cyan couplers producing dye images with excellent heat- and light fastness are described. These couplers are represented by formula I (R1 = -COR3R4, -NHCOR3, -NHCOOR5, -NHSO2R5, -NHCONR3R4, -NHSO2NR3R4; R3, R4 = H, alkyl, alkenyl, alkynyl, aryl, monocyclic or condensed heterocyclic ring; R5 = alkyl, alkenyl, alkynyl, aryl including condensed ring, monocyclic or condensed heterocyclic ring; R2 = substituent; m = 0-3; X = O, S, R6N:; R6 = H, monovalent organic group; Y = H, leaving group capable of being released upon coupling reaction with oxidized amine developer). Compds. I may form dimers or polymers bonded together at R1, R2, X or Y via divalent or higher valent group. The compound I can form copolymers with acrylate, methacrylate or maleate monomers.

IT 101646-76-8P 101646-82-6P
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(coupler; naphthol-type photog. cyan couplers producing dye images with excellent heat- and light fastness)

RN 101646-76-8 ZCAPLUS

CN 2-Propenoic acid, butyl ester, polymer with 1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-5-[(trifluoroacetyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

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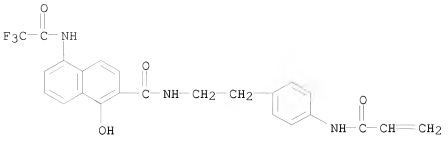
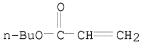
CRN 101646-75-7
CMF C24 H20 F3 N3 O4



CM 2

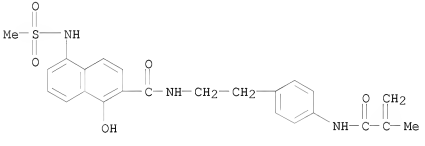
CRN 141-32-2
CMF C7 H12 O2



RN 101646-82-6 ZCAPLUS
CN 2-Propenoic acid, butyl ester, polymer with
1-hydroxy-N-[2-[4-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]ethyl]-5-
[(methylsulfonyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 101646-81-5
CMF C24 H25 N3 O5 S



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CRN 141-32-2
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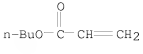
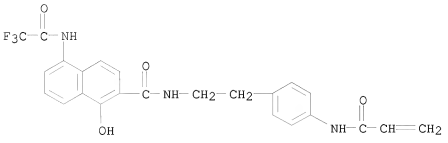
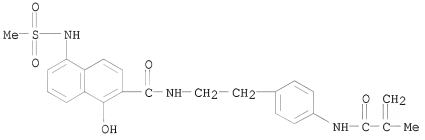


IT 101646-75-7 101646-81-5
RL: RCT (Reactant); RACT (Reactant or reagent)

(polymerization with Bu acrylate in synthesis of photog. cyan coupler)
RN 101646-75-7 ZCAPLUS
CN 2-Naphthalenecarboxamide, 1-hydroxy-N-[2-[4-[(1-oxo-2-propen-1-yl)amino]phenyl]ethyl]-5-[(2,2,2-trifluoroacetyl)amino]- (CA INDEX NAME)



RN 101646-81-5 ZCAPLUS
CN 2-Naphthalenecarboxamide, 1-hydroxy-N-[2-[4-[(2-methyl-1-oxo-2-propen-1-yl)amino]phenyl]ethyl]-5-[(methylsulfonyl)amino]- (CA INDEX NAME)



L17 ANSWER 4 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:678775 ZCAPLUS
DOCUMENT NUMBER: 139:214215
TITLE: Preparation of N-hydroxycarboxamide derivatives as anticancer agents
INVENTOR(S): Uesato, Shinichi; Nagaoka, Yasuo; Yamori, Takao
PATENT ASSIGNEE(S): Osaka Industrial Promotion Organization, Japan
SOURCE: PCT Int. Appl., 137 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

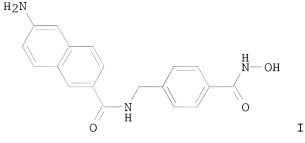
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070691	A1	20030828	WO 2003-JP1681	20030218

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003211362 A1 20030909 AU 2003-211362 20030218
PRIORITY APPLN. INFO.: JP 2002-45310 A 20020221
JP 2002-235912 A 20020813
WO 2003-JP1681 W 20030218

OTHER SOURCE(S): MARPAT 139:214215

GI



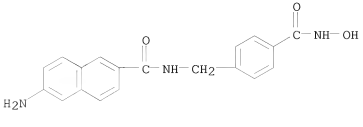
I

AB The title N-hydroxycarboxamides with general formula of D-L2-B-N(R)-L1-A-CONHOH [wherein A = cycloalkylene, phenylene, naphthylene, anthrylene, phenanthrylene, cycloalkenylene, biphenylene, heterocycloalkylene, or heterocycloalkenylene, etc., with exclusions; B = CO, CS, NHCO, NHCS, SO2, SO, S, O, CO2, or OCO; D = cycloalkyl, adamantyl, Ph, naphthyl, anthryl, phenanthryl, cycloalkenyl, biphenylyl, pyridyl, quinolyl, isoquinolyl, indolyl, heterocycloalkyl, or heterocycloalkenyl, etc., with exclusions; L1 and L2 = independently alkylene or none; R = H, alkyl, CHO, alkanoyl, PhCO, or PhCH2CO] and tautomers, stereoisomers, or salts thereof are prepared as potent histone deacetylase (HDAC) inhibitors. The N-hydroxycarboxamide derivs. are useful in treating, relieving, and preventing diseases concerning cell proliferation. In particular, it is expected that these derivs. are highly efficacious as an anticancer agent or a carcinostatic agent. Moreover, it is expected that the above N-hydroxycarboxamide derivs. are efficacious as an immunosuppressant or a gene therapy potentiator and usable in treating, relieving, and preventing neurodegenerative diseases. For example, the compound I•HCl was prepared in a four-step synthesis in moderate yield. I showed IC50 of 39 nM against human histone deacetylase (HDAC).

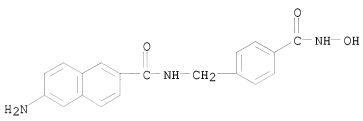
IT 471924-82-0P 591217-26-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of hydroxycarboxamide derivs. as anticancer agents)

RN 471924-82-0 ZCAPLUS

CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]- (CA INDEX NAME)



RN 591217-26-4 ZCAPLUS
CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

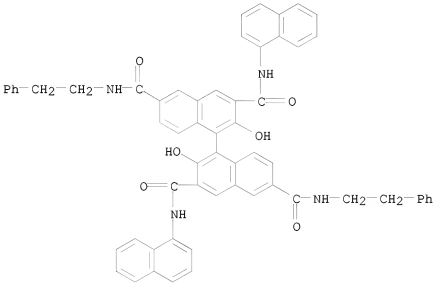
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:827444 ZCAPLUS
DOCUMENT NUMBER: 137:337681
TITLE: Preparation of phenol dimers by oxidative coupling reaction
INVENTOR(S): Ueno, Ryuzo; Kitayama, Masaya; Minami, Kenji; Wakamori, Hiroyuki; Hirai, Hikari
PATENT ASSIGNEE(S): Ueno Fine Chemicals Industry Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

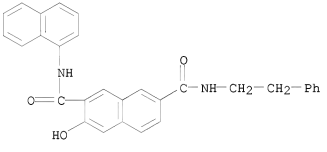
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002316961	A	20021031	JP 2001-120976	20010419
WO 2002085829	A1	20021031	WO 2002-JP3852	20020418
W: CN, KR, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1380558	A1	20040114	EP 2002-720483	20020418
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
TW 233434	B	20050601	TW 2002-91108051	20020419
US 20040143141	A1	20040722	US 2003-433908	20030606
US 6891072	B2	20050510		
PRIORITY APPLN. INFO.:			JP 2001-120976 A	20010419
			WO 2002-JP3852 W	20020418

OTHER SOURCE(S): MARPAT 137:337681
AB Title compds. are prepared by oxidative coupling reaction of ArOH (Ar = aromatic group) in N-containing polar solvents in the presence of Cu salts. 2,6-Di-tert-butylphenol (10.3 g) was treated with CuCl in DMF while blowing air into the solution at 60° for .apprx.10 h to give 9.6 g 3,3',5,5'-tetra-tert-butyl-4,4'-diphenoquinone.
IT 473836-46-3P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(preparation of phenol dimers by oxidative coupling reaction)

RN 473836-46-3 ZCAPLUS
CN [1,1'-Binaphthalene]-3,3',6,6'-tetracarboxamide, 2,2'-dihydroxy-N3,N3'-di-1-naphthalenyl-N6,N6'-bis(2-phenylethyl)- (CA INDEX NAME)

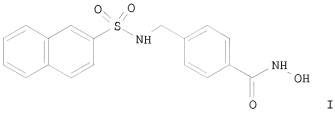


IT 265331-72-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of phenol dimers by oxidative coupling reaction)
RN 265331-72-4 ZCAPLUS
CN 2,7-Naphthalenedicarboxamide, 3-hydroxy-N2-1-naphthalenyl-N7-(2-phenylethyl)- (CA INDEX NAME)



L17 ANSWER 6 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:324923 ZCAPLUS
DOCUMENT NUMBER: 137:310681
TITLE: Novel histone deacetylase inhibitors: N-hydroxycarboxamides possessing a terminal bicyclic aryl group
AUTHOR(S): Uesato, Shinichi; Kitagawa, Manabu; Nagaoka, Yasuo; Maeda, Taishi; Kuwajima, Hiroshi; Yamori, Takao
CORPORATE SOURCE: Department of Biotechnology, Faculty of Engineering, Kansai University, Suita, Osaka, 564-8680, Japan
SOURCE: Bioorganic & Medicinal Chemistry Letters (2002), 12(10), 1347-1349
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 137:310681
GI



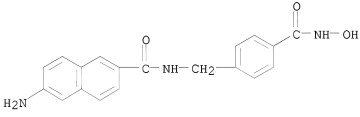
I

AB Utilizing tranexamic acid as a starting material, a series of N-hydroxycarboxamides (e.g., I) were synthesized in order to seek new histone deacetylase (HDAC) inhibitors. Compound I showed antiproliferative activity against HDAC of IC50 = 1100 nM. Further structure optimization involving the replacement of the 1,4-cyclohexylene group with the 1,4-phenylene group yielded the promising HDAC inhibitors which possess a terminal bicyclic aryl amide.

IT 471924-82-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of N-hydroxycarboxamides as antitumor agents)

RN 471924-82-0 ZCAPLUS

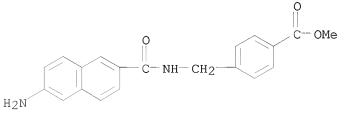
CN 2-Naphthalenecarboxamide, 6-amino-N-[[4-[(hydroxyamino)carbonyl]phenyl]methyl]- (CA INDEX NAME)



IT 471925-00-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of N-hydroxycarboxamides as antitumor agents)

RN 471925-00-5 ZCAPLUS

CN Benzoic acid, 4-[[[(6-amino-2-naphthalenyl)carbonyl]amino]methyl]-, methyl ester (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS

L17 ANSWER 7 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2000:900613 ZCAPLUS
DOCUMENT NUMBER: 134:56957
TITLE: Preparation of amino acid derivatives as serine protease inhibitors
INVENTOR(S): Liebeschuetz, John Walter; Lyons, Amanda Jane; Murray, Christopher William; Rimmer, Andrew David; Young, Stephen Clinton; Camp, Nicholas Paul; Jones, Stuart Donald; Morgan, Phillip John; Richards, Simon James; Wylie, William Alexander; Lively, Sarah Elizabeth; Harrison, Martin James; Waszkowycz, Bohdan; Masters, John Joseph; Wiley, Michael John
PATENT ASSIGNEE(S): Eli Lilly and Company, USA; Protherics Molecular Design Limited
SOURCE: PCT Int. Appl., 350 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 13
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000076970	A2	20001221	WO 2000-GB2296	20000613
WO 2000076970	A3	20010719		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2383008	A1	20001221	CA 2000-2383008	20000613
EP 1192135	A2	20020403	EP 2000-938912	20000613
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.:		
GB 1999-13823	A	19990614
US 1999-142064P	P	19990702
GB 1999-18741	A	19990809
GB 1999-29552	A	19991214
GB 1999-29553	A	19991214
WO 2000-GB2296	W	20000613

OTHER SOURCE(S): MARPAT 134:56957

AB Compds. R2-X-X-Y(Cy)-L-Lp(D)n [R2 represents a 5- or 6-membered aromatic carbon ring optionally interrupted by a N, O or S ring atom, optionally substituted at the 3 and/or 4 position or forms a fused ring system at these positions, which is an optionally substituted 5 or 6 membered carbocyclic or heterocyclic ring; X is a C, N, O or S atom or a CO, CR1a, C(R1a)2 or NR1a group, where R1a represents H, OH, alkoxy, alkyl, aminoalkyl, hydroxyalkyl, alkoxyalkyl, alkoxycarbonyl, alkylaminocarbonyl, alkoxycarbonylamino, acyloxymethoxycarbonyl or alkylamino optionally substituted by OH, alkylamino, alkoxy, oxo, aryl or cycloalkyl; L is an organic linker group containing 1 to 5 backbone atoms selected from C, N, O and S, or a branched alkyl or cyclic group; Y is a N atom or a CR1b group (R1b defined as for R1a); Cy is an (un)substituted, (un)saturated, mono- or polycyclic, homo- or heterocyclic group; Lp is a lipophilic organic group; D is a hydrogen bond donor group; n = 0-2] were prepared for use as serine protease inhibitors. Compds. of the invention were found to significantly elongate the partial thromboplastin time (prothrombin time). Thus,

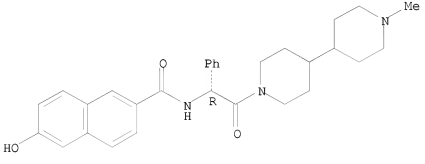
1-(3-amino-2-naphthoyl-D-phenylglycinyl)-4,4'-bispiperidine was prepared and shown to double the prothrombin time at a concentration of 26 μM. [This abstract record is one of 2 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

IT 313489-00-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino acid derivs. as serine protease inhibitors)

RN 313489-00-8 ZCAPLUS

CN 2-Naphthalenecarboxamide, 6-hydroxy-N-[(1R)-2-(1'-methyl[4,4'-bipiperidin]-1-yl)-2-oxo-1-phenylethyl]- (CA INDEX NAME)

Absolute stereochemistry.



L17 ANSWER 8 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

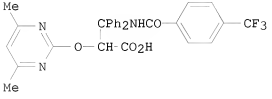
ACCESSION NUMBER:	2000:416706 ZCAPLUS
DOCUMENT NUMBER:	133:43538
TITLE:	New β-amido and β-sulfonamido carboxylic acid derivatives as endothelin receptor antagonists
INVENTOR(S):	Amberg, Wilhelm; Jansen, Rolf; Kettschau, Georg; Riechers, Hartmut; Baumann, Ernst; Hergenroeder, Stefan; Raschack, Manfred; Unger, Liliane
PATENT ASSIGNEE(S):	BASF A.-G., Germany
SOURCE:	Ger. Offen., 32 pp. CODEN: GWXXBX
DOCUMENT TYPE:	Patent
LANGUAGE:	German
FAMILY ACC. NUM. COUNT:	1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19858779	A1	20000621	DE 1998-19858779	19981218
CA 2355251	A1	20000629	CA 1999-2355251	19991209
WO 2000037450	A1	20000629	WO 1999-EP9679	19991209
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 9916331	A	20010911	BR 1999-16331	19991209
EP 1140867	A1	20011010	EP 1999-964533	19991209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

TR 200101780	T2	20011121	TR 2001-1780		19991209
JP 2002533330	T	20021008	JP 2000-589522		19991209
HU 2002001321	A2	20021228	HU 2002-1321		19991209
HU 2002001321	A3	20030228			
MX 2001005635	A	20000827	MX 2001-5635		20010605
IN 2001CN00810	A	20050304	IN 2001-CN810		20010614
NO 2001003000	A	20010815	NO 2001-3000		20010615
BG 105618	A	20020131	BG 2001-105618		20010618
PRIORITY APPLN. INFO.:			DE 1998-19858779	A	19981218
			WO 1999-EP9679	W	19991209

OTHER SOURCE(S): MARPAT 133:43538
GI



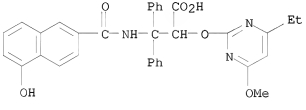
I

AB Title compds. R4R5NCR3R2CHR1OR [R = 6-membered N heterocycle; R1 = tetrazolyl, (un)substituted CO2H, CONH2; R2, R3 = (un)substituted Ph, naphthyl, which may be linked via O, S, SO2, (un)substituted NH, CH2, CH2CH2, CH:CH, (un)substituted cycloalkyl; R4 = aroyl, heteroaroyl, sulfonyl; R5 = H, alkyl] were prepared for use as endothelin receptor antagonists. Thus, the pyrimidine I was prepared by treating benzyl 3,3-diphenyloxirane-2-carboxylate with MeCN, hydrolyzing the resulting oxazoline, acylating the resulting H2NCPh2CH(OH)CO2CH2Ph with 4-F3CC6H4COCl, followed by 2-methanesulfonyl-4,6-dimethylpyrimidine and ester hydrolysis. I bound to the endothelin A receptor at 84 nM/L and to the endothelin B receptor at 5500 nM/L.

IT 1099044-00-4
RL: PRPH (Prophetic)
(New β-amido and β-sulfonamido carboxylic acid derivatives as endothelin receptor antagonists)

RN 1099044-00-4 ZCAPLUS

CN INDEX NAME NOT YET ASSIGNED



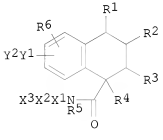
L17 ANSWER 9 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER:	1999:384101 ZCAPLUS
DOCUMENT NUMBER:	131:44664
TITLE:	Preparation of carbamoylnaphthalenes as thrombin inhibitors.
INVENTOR(S):	Soyka, Rainer; Heckel, Armin; Lehmann-Lintz, Thorsten; Walter, Rainer; Wienen, Wolfgang; Stassen, Jean Marie
PATENT ASSIGNEE(S):	Boehringer Ingelheim Pharma K.-G., Germany
SOURCE:	Ger. Offen., 92 pp. CODEN: GWXXBX

DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19754490	A1	19990610	DE 1997-19754490	19971209
WO 9929670	A2	19990617	WO 1998-EP7958	19981208
WO 9929670	A3	19990910		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9918773	A	19990628	AU 1999-18773	19981208
PRIORITY APPLN. INFO.:			DE 1997-19754490 A	19971209
			WO 1998-EP7958 W	19981208

OTHER SOURCE(S): MARPAT 131:44664
GI



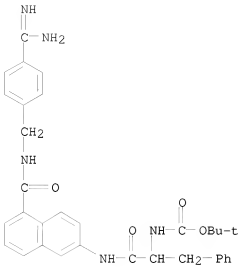
I

AB Title compds. [I; R1-R4 = H, or R1, R2 = H, R3R4 = double bond, or R1R2 and R3R4 = double bonds; R5 = H, alkyl; R6 = H, F, Cl, Br, alkyl; X1 = alkylene; X2 = phenylene, cycloalkylene, thienylene, oxazolylene, thiazolylene, imidazolylene, pyridinylene, pyrimidinylene, pyrazinylene, pyridazinylene; X3 = cyano, amino, 2-amino-1H-imidazol-4-yl, etc.; Y1 = O, RbN, RbNSO2, RbNCO, etc.; Rb = H, (substituted) alkyl, phenylalkyl, naphthylalkyl, aminocarbonyl, etc.; Y2 = alkyl, cycloalkyl, (substituted) aminocarbonylalkyl, Ph, naphthyl, pyrrolyl, thiazolyl, thienyl, pyridinyl, etc.], were prepared Thus, Et [2-[quinolin-8-sulfonyl-[5-(carbamidoylbenzylcarbamoyl)-3,4-dihydronaphthalen-2-yl]amino]acetylamino]acetate hydrochloride showed a thrombin time ED200 = 0.009 μM.

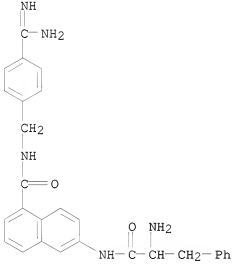
IT 227276-19-9P 227276-20-2P 227276-21-3P
227276-23-5P 227277-46-5P 227277-48-7P
227277-50-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of carbamoylnaphthalenes as thrombin inhibitors)

RN 227276-19-9 ZCAPLUS

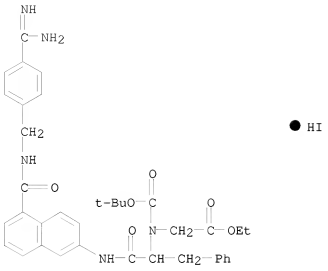
CN Carbamic acid, [2-[[5-[[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 227276-20-2 ZCAPLUS
CN 1-Naphthalenecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-6-[(2-amino-1-oxo-3-phenylpropyl)amino]- (CA INDEX NAME)



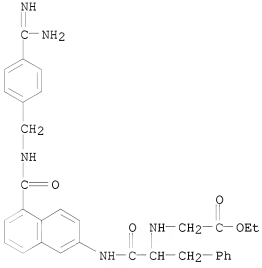
RN 227276-21-3 ZCAPLUS
CN Glycine, N-[2-[[5-[[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-N-[(1,1-dimethylethoxy)carbonyl]-, ethyl ester, monohydriodide (9CI) (CA INDEX NAME)



RN 227276-23-5 ZCAPLUS
CN Glycine, N-[2-[[5-[[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-, ethyl ester, monohydriodide mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

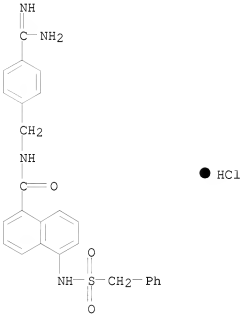
CRN 227276-22-4
CMF C32 H33 N5 O4



CM 2

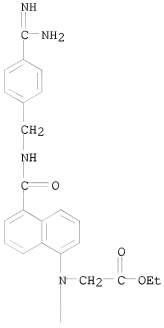
CRN 76-05-1
CMF C2 H F3 O2

RN 227277-46-5 ZCAPLUS
CN 1-Naphthalenecarboxamide, N-[[4-(aminoiminomethyl)phenyl]methyl]-5-[[(phenylmethyl)sulfonyl]amino]-, hydrochloride (1:1) (CA INDEX NAME)

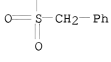


RN 227277-48-7 ZCAPLUS
CN Glycine, N-[5-[[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-1-naphthalenyl]-N-[(phenylmethyl)sulfonyl]-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

PAGE 1-A



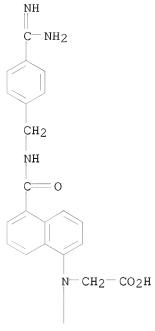
PAGE 2-A



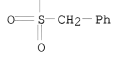
● HCl

RN 227277-50-1 ZCAPLUS
CN Glycine, N-[5-[[[[4-(aminoiminomethyl)phenyl]methyl]amino]carbonyl]-1-naphthalenyl]-N-[(phenylmethyl)sulfonyl]- (CA INDEX NAME)

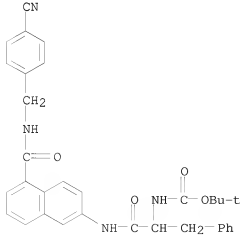
PAGE 1-A



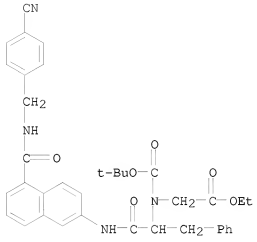
PAGE 2-A



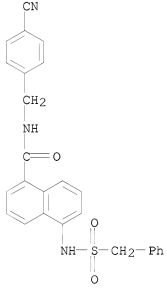
IT 227278-75-3 227278-76-4 227279-50-7
227279-51-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of carbamoylnaphthalenes as thrombin inhibitors)
RN 227278-75-3 ZCAPLUS
CN Carbamic acid, [2-[[5-[[[(4-cyanophenyl)methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



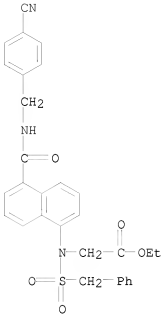
RN 227278-76-4 ZCAPLUS
CN Glycine, N-[2-[[5-[[[(4-cyanophenyl)methyl]amino]carbonyl]-2-naphthalenyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-N-[(1,1-dimethylethoxy)carbonyl]-, ethyl ester (CA INDEX NAME)



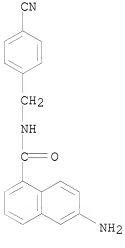
RN 227279-50-7 ZCAPLUS
CN 1-Naphthalenecarboxamide, N-[(4-cyanophenyl)methyl]-5-[[(phenylmethyl)sulfonyl]amino]- (CA INDEX NAME)



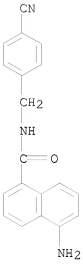
RN 227279-51-8 ZCAPLUS
CN Glycine, N-[5-[[[(4-cyanophenyl)methyl]amino]carbonyl]-1-naphthalenyl]-N-[(phenylmethyl)sulfonyl]-, ethyl ester (CA INDEX NAME)



IT 227278-03-7P 227278-55-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of carbamoylnaphthalenes as thrombin inhibitors)
RN 227278-03-7 ZCAPLUS
CN 1-Naphthalenecarboxamide, 6-amino-N-[(4-cyanophenyl)methyl]- (CA INDEX NAME)



RN 227278-55-9 ZCAPLUS
CN 1-Naphthalenecarboxamide, 5-amino-N-[(4-cyanophenyl)methyl]- (CA INDEX NAME)



L17 ANSWER 10 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1997:283758 ZCAPLUS
DOCUMENT NUMBER: 126:264364
ORIGINAL REFERENCE NO.: 126:51209a,51212a
TITLE: Acylated oligopeptide derivatives having cell signal inhibiting activity
INVENTOR(S): Garcia-Echeverria, Carlos; Gay, Brigitte; Furet, Pascal; Rahuel, Joseph; Caravatti, Giorgio; Fretz, Heinz; Schoepfer, Joseph
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
SOURCE: PCT Int. Appl., 257 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9708193	A1	19970306	WO 1996-EP3473	19960806
W: AL, AU, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2227516	A1	19970306	CA 1996-2227516	19960806
AU 9667425	A	19970319	AU 1996-67425	19960806
EP 846127	A1	19980610	EP 1996-927694	19960806
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
ZA 9606967	A	19970217	ZA 1996-6967	19960816
PRIORITY APPLN. INFO.:			GB 1995-17060	A 19950817
			WO 1996-EP3473	W 19960806

OTHER SOURCE(S): MARPAT 126:264364
AB Peptides X-PTI-(AA)n-Y (AA = natural or unnatural amino acid residue, n = 0-15, PTI = tyrosine or preferably phosphotyrosine or phosphotyrosine mimic, X = arylcarbonyl, cycloalkylcarbonyl, tricycloalkylcarbonyl, arylsulfonyl, etc., Y = OH, C-terminal protecting group, amino group) or their salts were prepared for the treatment of diseases that respond to inhibition of the interaction of a protein comprising an SH2 domain and a protein tyrosine. Thus, 3-aminobenzyloxycarbonyl-Tyr(PO3H2)-Ile-Asn-Gln-

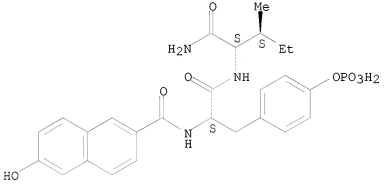
NH2 trifluoroacetate salt was prepared by the solid phase method and had an IC50 value of 0.1 in a test system using the phosphorylated "tail" EGFR-MBP fusion protein as ligand. Formulations containing acylated oligopeptides are described.

IT 188750-53-0P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of acylated oligopeptide derivs. having cell signal inhibiting activity)

RN 188750-53-0 ZCAPLUS

CN L-Isoleucinamide, N-[(6-hydroxy-2-naphthalenyl)carbonyl]-O-phosphono-L-tyrosyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



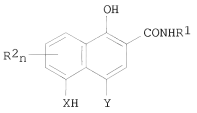
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 11 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

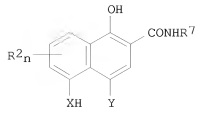
ACCESSION NUMBER: 1996:138273 ZCAPLUS
DOCUMENT NUMBER: 124:246350
ORIGINAL REFERENCE NO.: 124:45339a,45342a
TITLE: Silver halide photographic material
INVENTOR(S): Onodera, Akira; Ooya, Hidenobu; Kaneko, Yutaka
PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07333794	A	19951222	JP 1994-122645	19940603
JP 3245762	B2	20020115		
PRIORITY APPLN. INFO.:			JP 1994-122645	19940603
OTHER SOURCE(S):	MARPAT 124:246350			

GI



I



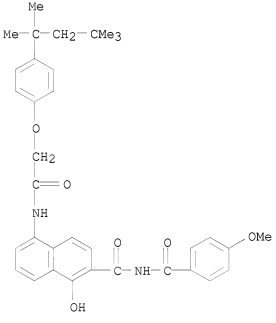
II

AB The material contains a 1-naphthol-base cyan coupler I (R1 = NR3R4, OR5; R3, R5 = aliphatic group, aromatic group, heterocyclic group; R4 = H, organic group; R3 and R4 may form a ring with N; R2 = substituent; n = 0-3; X = O, S, NR6; R6 = H, organic group; Y = H, coupling releasing group) or II (R7 = SO2R8, COR9; R8-9 = aliphatic group, aromatic group, heterocyclic group, NH2). The material gives heat- and light-resistant images.

IT 174705-29-4
RL: DEV (Device component use); USES (Uses)
(silver halide photog. material containing naphthol-base cyan coupler for heat- and light-resistant images)

RN 174705-29-4 ZCAPLUS

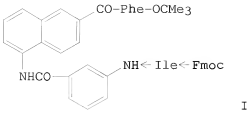
CN 2-Naphthalenecarboxamide, 1-hydroxy-N-(4-methoxybenzoyl)-5-[[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]acetyl]amino]- (CA INDEX NAME)



L17 ANSWER 12 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER:	1993:496160 ZCAPLUS
DOCUMENT NUMBER:	119:96160
ORIGINAL REFERENCE NO.:	119:17381a,17384a
TITLE:	The calculation and synthesis of a template molecule
AUTHOR(S):	Wilson, Stephen R.; Tam, Wai K.; Di Grandi, Martin J.; Cui, Weili
CORPORATE SOURCE:	Dep. Chem., New York Univ., New York, NY, 10003, USA
SOURCE:	Tetrahedron (1993), 49(17), 3655-63 CODEN: TETRAB; ISSN: 0040-4020
DOCUMENT TYPE:	Journal
LANGUAGE:	English

GI



I

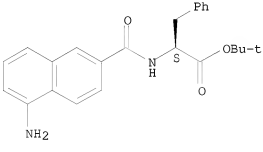
AB An algorithm to compute the geometric requirements for a template mol. is discussed. A program called DESIGN is used to calculate templates by matching vectors from a database of carbon skeletons. Applications of the approach to an epitope of myoglobin and a fragment around the active site of the enzyme thioredoxin is examined The synthesis of template mol. I as a conformationally constrained thioredoxin fragment is described.

IT 149143-51-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and amidation by, of nitrobenzoyl chloride)

RN 149143-51-1 ZCAPLUS

CN L-Phenylalanine, N-[(5-amino-2-naphthalenyl)carbonyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.



L17 ANSWER 13 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

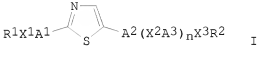
ACCESSION NUMBER:	1992:224843 ZCAPLUS
DOCUMENT NUMBER:	116:224843
ORIGINAL REFERENCE NO.:	116:37893a,37896a
TITLE:	Mesomorphic compounds for liquid crystal compositions for display devices
INVENTOR(S):	Takiguchi, Takao; Iwaki, Takashi; Togano, Takeshi; Yamada, Yoko; Nakamura, Shinichi
PATENT ASSIGNEE(S):	Canon K. K., Japan
SOURCE:	Eur. Pat. Appl., 158 pp. CODEN: EPXXDW
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 439170	A2	19910731	EP 1991-100906	19910124
EP 439170	A3	19920226		

EP 439170	B1	19950419			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE					
JP 04128274	A	19920428	JP 1990-332677		19901129
AT 121443	T	19950515	AT 1991-100906		19910124
ES 2071129	T3	19950616	ES 1991-100906		19910124
US 5595685	A	19970121	US 1995-460790		19950602
PRIORITY APPLN. INFO.:			JP 1990-16811	A	19900125
			JP 1990-147034	A	19900605
			JP 1990-332677	A	19901129
			US 1991-645458	B1	19910124
			US 1993-65690	B1	19930525

OTHER SOURCE(S): MARPAT 116:224843

GI



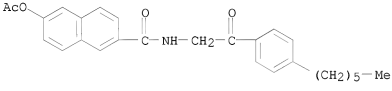
I

AB The mesomorphic compds. have the general formula I, where R1, R2 = C2-16 alkyl which may be substituted; X1, X3 = single bond, O, OCO, COO, or CO; X2 = single bond, OCO, or COO; A1, A2 = single bond, 1,4-phenylene disubstituted with H, halogen, Me, CN, and/or CF3, 1,4-cyclohexylene, 2,5- or 5,2-pyrimidinylene, 2,5-thiophenylene, 2,6-naphthylene, or 2,5- or 5,2-pyridinylene; A3 = all of the definitions of A1 and A2 except single bond; and n = 0 or 1.

IT 139675-00-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in formation of mesomorphic compds. for liquid crystal compns. for display devices)

RN 139675-00-6 ZCAPLUS

CN 2-Naphthalenecarboxamide, 6-(acetyloxy)-N-[2-(4-hexylphenyl)-2-oxoethyl]- (CA INDEX NAME)



L17 ANSWER 14 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER:	1990:226649 ZCAPLUS
DOCUMENT NUMBER:	112:226649
ORIGINAL REFERENCE NO.:	112:38079a,38082a
TITLE:	Silver halide color photographic materials containing polymeric couplers
INVENTOR(S):	Hirano, Tsumoru
PATENT ASSIGNEE(S):	Fuji Photo Film Co., Ltd., Japan
SOURCE:	Jpn. Kokai Tokkyo Koho, 49 pp. CODEN: JKXXAF
DOCUMENT TYPE:	Patent
LANGUAGE:	Japanese
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

JP 01134357	A	19890526	JP 1987-292598	19871119
JP 07069591	B	19950731		

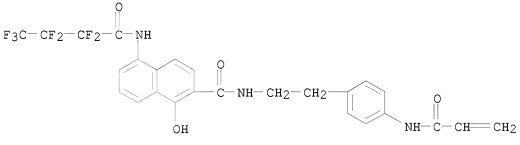
PRIORITY APPLN. INFO.: JP 1987-292598 19871119

AB The title materials, showing good coloration, storability, and sharpness contain oil-soluble polymeric coupler EAxByX [E = C≥2 monovalent group; A = ethylenically unsatd. monomer repeating unit with coupler pendant group (this unit may be formed from ≥2 different monomers that produce the same color upon coupling with aromatic primary amine developing agent oxidation product); B = repeating unit of noncoloring comomer(s); E or B may contain F or group that bond with the binder directly or via a film hardener; X = monovalent group; x:y = 10:90 to 150:0].

IT 120283-46-7DP, telomer with octanethiol and perfluoroalkylethyl acrylate
RL: PREP (Preparation)
(photog. couplers, manufacturing of)

RN 120283-46-7 ZCAPLUS

CN 2-Naphthalenecarboxamide, 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propen-1-yl)amino]phenyl]ethyl]- (CA INDEX NAME)



L17 ANSWER 15 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1990:148936 ZCAPLUS
DOCUMENT NUMBER: 112:148936
ORIGINAL REFERENCE NO.: 112:24975a,24978a
TITLE: Silver halide color photographic materials
INVENTOR(S): Sakagami, Megumi; Yamanochi, Junichi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 72 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01142632	A	19890605	JP 1987-301889	19871130

PRIORITY APPLN. INFO.: JP 1987-301889 19871130

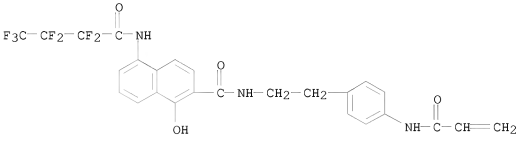
AB The title materials providing sharp color images with improved graininess and latent image storability contain, in the same Ag halide emulsion layer, ≥1 polymeric coupler prepared in the presence of a chain-transfer agent with chain-transfer constant 0.01-50 and ≥1 compds. that do not form dyes with aromatic primary amine developing agent oxidation product.

IT 125449-72-1P
RL: PREP (Preparation)
(manufacture of, for photog. couplers)

RN 125449-72-1 ZCAPLUS
CN 1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-, monosodium salt, polymer with 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

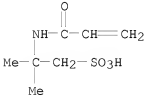
CM 1

CRN 120283-46-7
CMF C26 H20 F7 N3 O4



CM 2

CRN 5165-97-9
CMF C7 H13 N O4 S . Na



● Na

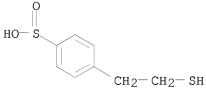
L17 ANSWER 16 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1990:148934 ZCAPLUS
DOCUMENT NUMBER: 112:148934
ORIGINAL REFERENCE NO.: 112:24975a,24978a
TITLE: Silver halide color photographic materials containing polymeric couplers
INVENTOR(S): Hirano, Tsumoru; Yamanochi, Junichi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 51 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01134453	A	19890526	JP 1987-294675	19871120

JP 08033627 B 19960329
PRIORITY APPLN. INFO.: JP 1987-294675 19871120
AB The title materials showing good coloration and image sharpness contain water-soluble polymer coupler(s) EAxByX (E = C≥2 monovalent group; A = repeating units of ≥1 ethylenically unsatd. monomers forming dyes of the same shade upon coupling with aromatic primary amine developing oxidation product; B = noncoloring ethylenically unsatd. comonomer unit; X = monovalent group; x:y = 10:90-90:10).
IT 125450-43-3P
RL: IMF (Industrial manufacture); PREP (Preparation)
(manufacture and use of, as photog. couplers, for improved coloration and image sharpness)
RN 125450-43-3 ZCAPLUS
CN 1-Propanesulfonic acid, 2-methyl-2-[(1-oxo-2-propenyl)amino]-, monosodium salt, telomer with 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[3-[4-[(1-oxo-2-propenyl)amino]phenyl]propyl]-2-naphthalenecarboxamide and 4-(2-mercaptoethyl)benzenesulfinic acid monopotassium salt (9CI) (CA INDEX NAME)

CM 1

CRN 125450-41-1
CMF C8 H10 O2 S2 . K



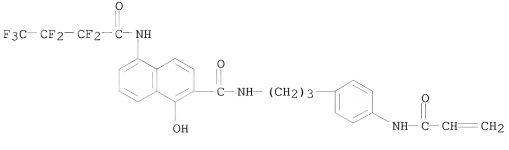
● K

CM 2

CRN 125450-42-2
CMF (C27 H22 F7 N3 O4 . C7 H13 N O4 S . Na)x
CCI PMS

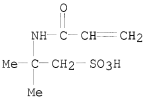
CM 3

CRN 125450-40-0
CMF C27 H22 F7 N3 O4



CM 4

CRN 5165-97-9
CMF C7 H13 N O4 S . Na



● Na

L17 ANSWER 17 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1990:108419 ZCAPLUS
DOCUMENT NUMBER: 112:108419
ORIGINAL REFERENCE NO.: 112:18221a,18224a
TITLE: Silver halide color photographic materials containing telomer couplers
INVENTOR(S): Hirano, Tsumoru; Kobayashi, Hidetoshi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 46 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01145657	A	19890607	JP 1987-304997	19871202
JP 07069592	B	19950731		

PRIORITY APPLN. INFO.: JP 1987-304997 19871202

AB The title materials providing sharp color images with high film hardness contain, in Ag halide emulsion layers, ≥1 oleophilic telomer couplers EAxByDzG (E = C≥8 monovalent group; A = ethylenically unsatd. monomer unit containing coupler residue that reacts with aromatic primary amine developing agent oxidation product to form a dye; B = ethylenically unsatd. monomer unit containing photog. useful group; D = ethylenically unsatd. noncoloring comonomer unit; G = monovalent group; x:y:z = 10-90; (-70:0-90 (weight%).

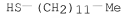
IT 125504-20-3P
RL: IMF (Industrial manufacture); PREP (Preparation)
(manufacture and use of, as photog. couplers, for sharp color images with migration processes)

RN 125504-20-3 ZCAPLUS

CN 1H-Tetrazole-1-propanoic acid, 5-[[4-hydroxy-3-[[[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]amino]carbonyl]-1-naphthalenyl]thio]-, telomer with 1-dodecanethiol, 1-hydroxy-5-[(1-oxobutyl)amino]-N-[3-[4-[(1-oxo-2-propenyl)amino]phenyl]propyl]-2-naphthalenecarboxamide and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 112-55-0
CMF C12 H26 S

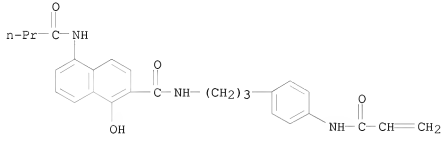


CM 2

CRN 125504-19-0
CMF (C27 H29 N3 O4 . C21 H21 N5 O6 S . C5 H8 O2)x
CCI PMS

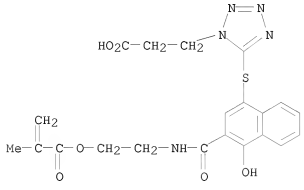
CM 3

CRN 125504-18-9
CMF C27 H29 N3 O4



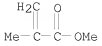
CM 4

CRN 122051-14-3
CMF C21 H21 N5 O6 S



CM 5

CRN 80-62-6
CMF C5 H8 O2



L17 ANSWER 18 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1989:182851 ZCAPLUS
DOCUMENT NUMBER: 110:182851
ORIGINAL REFERENCE NO.: 110:30165a,30168a
TITLE: Polymer coupler-containing color photographic material
INVENTOR(S): Ono, Shigetoshi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63149649	A	19880622	JP 1986-297373	19861213
PRIORITY APPLN. INFO.:			JP 1986-297373	19861213

AB The title color photog. material contains a polymer coupler containing the repeating units based on (CH2:CR1)xL1mL2nQ and (CH2:CR2)yCONHAOB [R1, R2 = H, C1-4 alkyl, Cl; L1 = CONR3 (R3 = H, C1-6 alkyl), CO2, NHCO, OCO; m = 0, 1; n = 0, 1; Q = coupler residue capable of forming a dye with the oxidized form of a primary aromatic amine-type developer; A = C1-4 alkylene; B = H, C1-6 alkyl; x = 10-90 (weight %); y = 10-90]. The polymer coupler allows good color rendition and provides images with good heat and moist-heat stability.

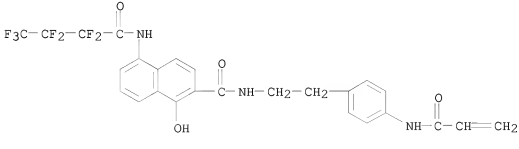
IT 120283-47-8
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)

RN 120283-47-8 ZCAPLUS

CN 2-Naphthalenecarboxamide, 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-, polymer with N-(2-methoxyethyl)-2-methyl-2-propenamide (9CI) (CA INDEX NAME)

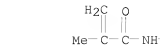
CM 1

CRN 120283-46-7
CMF C26 H20 F7 N3 O4



CM 2

CRN 76552-77-7
CMF C7 H13 N O2



L17 ANSWER 19 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1989:182850 ZCAPLUS
DOCUMENT NUMBER: 110:182850
ORIGINAL REFERENCE NO.: 110:30165a,30168a
TITLE: Polymer coupler using color photographic material
INVENTOR(S): Ono, Shigetoshi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 32 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63149650	A	19880622	JP 1986-297374	19861213
JP 08027510	B	19960321		

PRIORITY APPLN. INFO.: JP 1986-297374 19861213

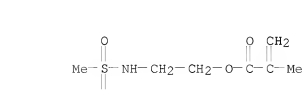
AB A color photog. material contains polymer coupler containing ≥2 types of repeating units based on (CH2:CR1)x(L1)m(L2)nQ and (CH2:CR2)g(L3)m(L4)nT [R1,R2 = H, C1-4 alkyl, Cl; L1,L3 = CONR3 (R3 = H, C1-6 alkyl), CO2, NHCO, OCO; L2,L4 = group linking L6 to Q or L3 to T; m = 0, 1; n = 0, 1; Q = coupler residue capable of reacting with the oxidized form of a primary amine-type coupling agent; T = carbonamido, carbamoy, sulfonamido, sulfamoyl; x = 10-90; y = 10-90%]. The polymer coupler shows good color rendition and gives color images with good thermal stability.

IT 120283-76-3
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. coupler)

RN 120283-76-3 ZCAPLUS
CN 2-Propenoic acid, 2-methyl-, 2-[(methylsulfonyl)amino]ethyl ester, polymer with 5-[(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)amino]-1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

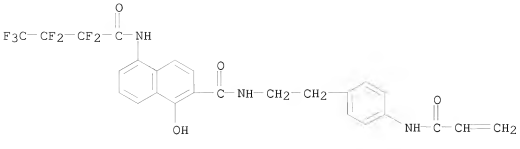
CM 1

CRN 120283-62-7
CMF C7 H13 N O4 S



CM 2

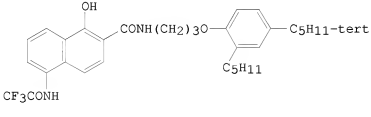
CRN 120283-46-7
CMF C26 H20 F7 N3 O4



L17 ANSWER 20 OF 20 ZCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1986:177615 ZCAPLUS
DOCUMENT NUMBER: 104:177615
ORIGINAL REFERENCE NO.: 104:27971a,27974a
TITLE: Silver halide color photographic material
INVENTOR(S): Saito, Naoki; Aoki, Kozo; Yokota, Yukio
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 106 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 161626 A2		19851121	EP 1985-105599	19850507
R: DE, FR, GB, NL				
PRIORITY APPLN. INFO.:			JP 1984-93605	19840510
			JP 1984-264277	19841214
			JP 1984-268135	19841219

OTHER SOURCE(S): CASREACT 104:177615
GI



I

AB A Ag halide color photog. light-sensitive material containing a specific naphthol cyan coupler is described. Dye images formed by this coupler are excellent in fastness to heat and light and in sharpness and are free from adverse influences of bleaching solns. having weak oxidative activity or spent bleaching solns. Thus, coupler I was synthesized as follows: 5-amino-1-hydroxynaphthalic acid 20.3 g was dispersed in tetrahydrothiophene 100 mL and trifluoroacetic anhydride 45 g was added.t. The mix. was heated at 80° for 2 h, H2O 20 g was added, stirred for 20 min, acetonitrile 200 mL added, and the precipitate washed to get 5-trifluoroacelamido-1-hydroxynaphthoic acid (II) 21 g. Then II 200 and p-nitrophenol 100 g were dispersed in acetonitrile 1.5 L and added with DMF 15 and thionyl chloride 110 mL. The precipitate was washed to obtain p-nitrophenyl 5-trifluoroacetamido-1-hydroxynaphthoate (III). Then III 40 g was dispersed in THF 200 mL and added with 3-(2,4-di-tert-amylphenoxy)propylamine. Some 61 g of the I was recovered

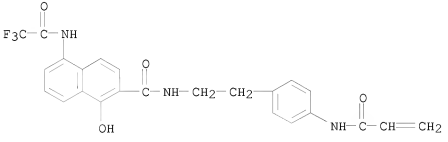
from the resultant mix. after hydrolysis. A film was prepared by using the coupler, exposed, developed, and color fastness tested. The d. reduced after 8 days of storage at 100° and 8 days of exposure to 100,000 lx were 8 and 12%, resp.

IT 101646-76-8 101646-82-6
RL: TEM (Technical or engineered material use); USES (Uses)
(cyan photog. coupler)

RN 101646-76-8 ZCAPLUS
CN 2-Propenoic acid, butyl ester, polymer with 1-hydroxy-N-[2-[4-[(1-oxo-2-propenyl)amino]phenyl]ethyl]-5-[(trifluoroacetyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

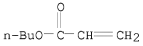
CM 1

CRN 101646-75-7
CMF C24 H20 F3 N3 O4



CM 2

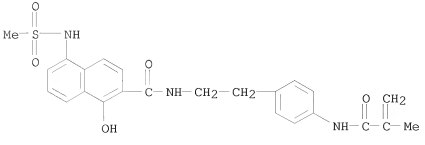
CRN 141-32-2
CMF C7 H12 O2



RN 101646-82-6 ZCAPLUS
CN 2-Propenoic acid, butyl ester, polymer with 1-hydroxy-N-[2-[4-[(2-methyl-1-oxo-2-propenyl)amino]phenyl]ethyl]-5-[(methylsulfonyl)amino]-2-naphthalenecarboxamide (9CI) (CA INDEX NAME)

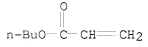
CM 1

CRN 101646-81-5
CMF C24 H25 N3 O5 S

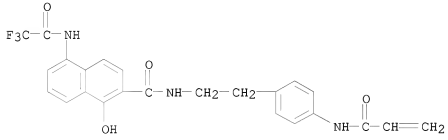


CM 2

CRN 141-32-2
CMF C7 H12 O2



IT 101646-75-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with Bu acrylate in synthesis of cyan photog. coupler)
RN 101646-75-7 ZCAPLUS
CN 2-Naphthalenecarboxamide, 1-hydroxy-N-[2-[4-[(1-oxo-2-propen-1-yl)amino]phenyl]ethyl]-5-[(2,2,2-trifluoroacetyl)amino]- (CA INDEX NAME)



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E2 2 MUTO SUNICHI/AU
E3 51 --> MUTO SUSUMU/AU
E4 1 MUTO SYOZI/AU
E5 1 MUTO SYUICHI/AU
E6 1 MUTO SYUNJI/AU
E7 88 MUTO T/AU
E8 2 MUTO TADAHIKO/AU
E9 5 MUTO TADANOBU/AU
E10 45 MUTO TADASHI/AU
E11 4 MUTO TADAYOSHI/AU
E12 1 MUTO TAEKO/AU
E13 2 MUTO TAICHIRO/AU
E14 2 MUTO TAIDOU/AU
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L18 51 ("MUTO SUSUMU"/AU)

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E19          3     ITAI ISAMU/AU
E20          5     ITAI JUNICHI/AU
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L20         231 L18 OR L19

=> s l20 and l16
L21           1 L20 AND L16

=> d 121 ibib

L21  ANSWER 1 OF 1  ZCAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:         2003:836833  ZCAPLUS
DOCUMENT NUMBER:          139:323347
TITLE:                    Preparation of naphthalenesulfonamides as anticancer
                          agents
INVENTOR(S):              Muto, Susumu; Itai, Akiko
PATENT ASSIGNEE(S):       Institute of Medicinal Molecular Design. Inc., Japan
SOURCE:                   PCT Int. Appl., 157 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 Japanese
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
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     WO 2003086377        A1    20031023    WO 2003-JP4986         20030418
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             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,
             LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH,
             PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
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KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003231370	A1	20031027	AU 2003-231370		20030418
GB 2403474	A	20050105	GB 2004-23856		20030418
GB 2403474	B	20061011			
US 20050215645	A1	20050929	US 2005-510242		20050518
PRIORITY APPLN. INFO.:			JP 2002-115629	A	20020418
			WO 2003-JP4986	W	20030418

OTHER SOURCE(S): MARPAT 139:323347
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT